AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A method for in-home monitoring comprising the steps of:

establishing a first secure sockets tunnel between a processing device located within the home and a monitoring server located at a monitoring station, the monitoring station being remotely located with respect to the home;

monitoring at least one behavioral parameter associated with a person within the home;

automatically comparing the behavioral parameter to at least one pre-determined rule which is based upon a behavioral profile;

automatically triggering an exception if the behavioral parameter does not match the behavioral profile; and

~~initiating at least one action responsive to the exception~~ responsive to said exception, forwarding exception data correlating to the exception from the processing device to the monitoring server via the first secure sockets tunnel.

2. (Canceled)

3. (Original) The method according to claim 1, further comprising the step of empirically determining the behavioral profile based upon behavioral patterns of the person.

4. (Original) The method according to claim 1, wherein said comparing step further includes the step of analyzing the behavioral parameter using artificial intelligence.

5. (Original) The method according to claim 4, wherein the artificial intelligence is implemented with an inference engine.

6. (Previously presented) The method according to claim 1, wherein the behavioral parameter is selected from the group consisting of an acoustic signal, a movement of a person, a location of a person, an opening of a window, a closing of a window, an opening of a door, a closing of a door, an activation of an appliance, a deactivation of an appliance, an activation of a light, and a deactivation of a light.

7. (Original) The method according to claim 1, wherein data representing the behavioral parameter is wirelessly propagated from a sensing device to a device interface.

8. (Original) The method according to claim 1, further comprising the steps of:

monitoring at least one environment parameter;

comparing the environment parameter to at least one pre-determined environment rule; and

triggering the exception if the environment parameter correlates to an environment condition that has been pre-defined to trigger the exception.

9. (Original) The method according to claim 8, wherein the environment parameter is selected from the group consisting of a carbon monoxide level, a smoke level, a temperature, an amount of water intrusion, a moisture level, a power failure, a weather condition, an earthquake, an acoustic signal, an opening of a window, a closing of a window, an opening of a door, a closing of a door, and a detected motion.

10. (Original) The method according to claim 1, further comprising the steps of:

monitoring at least one medical parameter;

comparing the medical parameter to at least one pre-determined medical rule; and

triggering the exception if the medical parameter correlates to a medical condition pre-defined to trigger the exception.

11. (Original) The method according to claim 10, wherein the medical parameter is selected from the group consisting of a blood pressure, a pulse, a blood glucose level, a blood oxygen level, a weight, a heart rhythm, a brain wave, and a breathing pattern.

12. (Original) The method according to claim 1, further comprising the step of providing a processing device within a home of the person wherein the processing device provides the monitored behavioral parameters to at least one monitoring station located outside of the home.

13. (Original) The method according to claim 1, further comprising the step of generating at least one medication reminder.

14. (Original) The method according to claim 1, wherein said step of initiating at least one action comprises generating a client-phone localized emergency call.

15. (Currently amended) A system for in-home monitoring comprising:

at least one sensor for monitoring at least one behavioral parameter associated with a person and generating correlating behavioral data;

at least one processing device located within the home;

a monitoring server located at a monitoring station which is remotely located with respect to the home;

a first secure sockets tunnel communicatively linking said processing device to said monitoring server; and

at least one software application executing on said processing device, said software application comparing said data to at least one pre-determined rule which is based upon a behavioral profile and triggering an exception if said data correlates to a condition pre-defined to trigger said exception, said exception causing said processing device to forward exception data to the monitoring server via the first secure sockets tunnel.

16. (Currently amended) The system of claim 15, further comprising a device interface for receiving said behavioral data and forwarding said behavioral data to said processing device.

17. (Currently amended) The system of claim 16, wherein said sensor wirelessly propagates said behavioral data to said device interface.

18. (Currently amended) The system of claim 15, further comprising a ~~communication link for communicating with a monitoring station~~ second secure sockets tunnel communicatively linking said monitoring server to said processing device.

19. (Canceled)

20. (Currently amended) The system of claim 18, wherein said software application receives remote commands from said monitoring ~~station~~ server via the second secure sockets tunnel.

21. (Original) The system of claim 20, wherein said remote commands control at least one item selected from the group consisting of an appliance, a lamp, a sensor and a medical device.

22. (Currently amended) The system of claim 18, wherein said monitoring ~~station~~ server initializes a client-phone localized emergency call by sending a command over said ~~communication link~~ second secure sockets tunnel.

23. (Original) The system of claim 15, wherein said sensor is selected from the group consisting of a microphone, a video camera, an infrared motion detector, a carbon monoxide detector, a smoke detector, a fire detector, a water intrusion detector, a power failure detector, a door contact and a window contact.

24. (Original) The system of claim 15, wherein said sensor monitors a physical attribute of a person.

25. (Original) The system of claim 24, wherein said physical attribute is selected from the group consisting of a blood pressure, a pulse, a blood glucose level, a blood oxygen level, a weight, a heart rhythm, a brain wave, and a breathing pattern.

26. (Currently amended) The system of claim 15, further comprising at least one roving robot which monitors at least one parameter selected from the group consisting of the behavioral parameters, environment parameters and a physical attribute of a person.

27. (New) The method according to claim 1, further comprising the steps of:

establishing a second secure sockets tunnel between the monitoring server and the processing device; and

responsive to the exception data, forwarding response data correlating to the exception from the monitoring server to the processing device through the second secure sockets tunnel.